221 SW 22nd Ave.
Miami, Fla.

FLORIDA SKIP

A Non Profit Organization

VOL 6 — NO. 7 | The All Florida Radio Amateur's Publication | DECEMBER, 1962

DEAR MABEL

Dear Mabel,

You'll never believe it! Had to write to you right away because I passed my novice exam! Be sure to tell Clyde to look for me on the air. My call is WN 10 000. Homer says its an unusual call but I figure that they just ran out of 9's.

A friend of Homers gave me the test and he was very nice. I was so nervous! Well, it was really the envelope the test came in that upset me. If I had opened that envelope I would be in terrible trouble. It said so right on the front. I was afraid to even touch it, so Homer carried it for me.

I copied six words in a minute. The ham said that wasn't too bad. What he sent to me I can tell you. I saved it. "IBET YOU AREG LADTO HAVE FOUNDAL LOF HOMERS STTUFF THA TYOU THREW AWAY ON LOMER./DONTB EALARN-MEDIF YOUCPY LETERS AND THEYD ONT MAKES ENSE?" As you can see I didn't make too many mistakes.

Please don't forget to tell Clyde to listen for me in the forty band. Novice part. So far, I haven't talked to anyone. I send a CQ and my call and my call and my call and still nothing happens. I mean nobody answers me — except the police came. Thats how the lawsuit started.

The man next door had to go to the hospital to have his shoulder X-Rayed because his

(Cont. on Back Page)

A Very, Merry Christmas . . .

'Twas the Night before Christmas, and in the Ham shack
Was the warm glow of tubes in the transmitter rack
The logbook was brought up to date with great care
In case the FCC might someday be there.
XYL and harmonics were snug in their beds
(No Tennessee Indians to addle their heads)
I plugged in the mike and my new VFO
Getting all set for a nice QSO
When from the relays there rose such a clatter
I yanked the big switch to see what was the matter.
Then up on the roof by the two-meter beam
There came QRM like a heterodyne scream:
"On Gonset, on Babcock; On Viking and Elmac!
On Ranger, on Collins! On Heathkit and Eimac!
Bias to the grid and volts to the plate,
Just watch that S-meter while we all modulate!"
As I turned to the rig and reached for a dial
From the antenna tuner Santa slid with a smile.
An RF choke he held tight in his teeth
And coax encircling his head like a wreath,
A bundle of Hamgear he had flung on his back—
Was that my name on a new power pack?
He had a stub nose like an egg insulator
And his cheeks glowed bright red like a hot oscillator.
He spoke not a word, but went straight to his work
Laying out all the gear, then turned with a jerk
And, laying a wavemeter alongside his nose
Said "Pse QSL?" and up the feeders he rose.
He climbed up the dipole, to his team gave a whistle
And away they all flew like a jet-propelled missile.
But I heard his last signal from the ionosphere:
"Seventy three; Eighty-eight! And a Merry Xmas!"

Walter A. Tompkins. K6ATX

HAM PHONE DIRECTORY

The new addition is now available for distribution. All advance subscribers should be in possession of their copy by the time this article is published. We are also starting to send a copy to everyone else listed in this year's directory. There are about 1500 Amateurs with complete listings so it will take some time before we can complete the mailings.

Each copy will contain an insert with instructions about making your checks payable to the Variety Children's Hospital should you desire to retain the directory, otherwise we shure would appreciate your returning the copy as soon as you possibly can. Your cooperation will be sincerely appreciated.

The price is $1.50 and checks should be sent to HAM PHONE DIRECTORY, 1136 S.W. 74th Court, Miami 44, Florida, where they will be credited to the sender and then be given to Variety Children's Hospital.

The mailing of the Directories is being done alphabetically as far as the call letters are concerned starting with the first list which is of the Greater Miami area. You can, however, receive your copy much sooner by sending your remittance in and your copy will be mailed that same day.

We hope this year to exceed by for the amount raised last year.

73 Moe Stabin, K4DJW

FLORIDA SKIP, INC.
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Miami Springs 66, Florida
Enclosed is $2.00 for 1 year or $4.00 for 3 years
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DEAR MABEL XYL AWARD Anne Pitcher K4RDX, RFD 2, Stuart, Fla.

FLORIDORAS — Jeri Bolles, K4RCX, 109 SE 13th Ave., Ft. Lauderdale, Fla.

W. FLA. NEWS, Frank Butler Jr., W4RKH, 494 W. Elliott Rd. Ft. Walton Beach.

RTTY Don Wiggins W4EHU, 7110 Cane Hills Cr., Orlando.

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6 Meter SSB W4WAQ Pat Ferro, 1364 NW 23rd Ct., Miami 35.

Club, K4GPI, Red Clotfelter, 660 E. 60th St. Hialeah.

LETTER TO EDITOR

Editor, Florida Skip:

Enclosed is a check for $4.50, $2.00 for a years subscription and $2.50 for QSL ad which I presume is commercial.

I have been a ham since 1931 so my former calls were ex W3COP (1931) ,W2JME and W1GET. My XYL is now WA4FJY ex W1JWW. She used "Joe's Wild Women" for phoenetics in New Hampshire. Our son is now WA4FJX ex W1JIH.

I retired from engineering branch of Western Electric Compan's, North Andover, Mass. plant.

Please run following ad:

NOVICE FORUM, W4UHF, H. Roy Scott, 8643 Twin Lake Blvd., Tampa 4.

VHF IN FLORIDA. Allen A. Engleman, W4RMU 2442 Pine Estates Road So., Jacksonville 8, Fla.

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club Fort Myers, Ken Stewart, W4SMK, Box 463, Ft. Myers.

Hint & Kinks, W4UGC, R. V. Frederick, 460 N.W. 108th Terr., Miami 50.

SCM — EASTERN SCM, A. L. Hamel K4SJH, 1300 NE 42nd Ave., Pompano Beach.

SEC — Eastern SEC, Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66.

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Net QFN, K4FMA, Don Murray. 1780 NE 146th St., No. Miami 61.

The Old Timer, c/o F.S., P. O. Box 501, Miami Springs 66.

Gold Coast 6 N 2 News, K4RNG, Les Cox, 15140 So. River Dr., Miami 69.

Net. SETN WN4AZZ and WA4-BMC, 1510 17th Ave. No., Lake Worth, Fla.

TIP'S TIPS, G. Curran, W4GJI, Box 48, Palm Beach.

Club. Suncoast VHF, L. Johnson, WA4EEZ, 6601 Bougainvilla Ave. St. Pete 7, Fla.

Club, Dade, Jack Wacher W4OBA, 37 Samana Dr., Miami 33.

QSL's — SWL's. Get immediate and 100 per response from all contacts. Reasonable — unusual! Samples 10c refundable. Joe Harms, WA4-FJE, 905 Fernald St., Edgewater, Fla.

You sure have a FB paper! More from me late.

73
Joe, WA4FJE

(Editor's note: Hope you, XYL and son enjoy Florida as much as I have the past 16 years!)

Editor, Florida Skip:

Possibly you've noticed my Hambars in past issues of SKIP? I've been using them for yeas with fantastic results. The last one was selling a B&W-500 inductor vacuum variable capacitor, Eimac SK-500 socket, blower, 1500 uud Cardwell, R-375 choke etc. with a total value of $94.50. I sold everything within a week of the time SKIP was out, have returned $311.50 in checks that came in too late and they're still coming. One todoy for $9.00 for the Cardwell.

Have just finished building a 4-1000A ground grid linear for publication in JST. It will be in soon after the first of the year. Take a peek.

Thanks again for the excellent HAMBAR service. The best I've ever seen.

73 Larry H. Kleber,
K9LKA - W9CPD
Belvidere, Ill.

Editor, FLORIDA SKIP: —

—Inspired perhaps by the present emergency and the excellent job I understand Florida has done, Montgomery County (Penna.) AREC has decided to proceed with printing an AREC Manual of Operations.

The SCM's for the Commonwealth of Pennsylvania have recently made known their state-wide plan for emergency communications and it is now posible for us to proceed with some definite planning at the local level. As former EC ad ow assistat EC, much of the preparatory work in our local plan will be done by me.

Would we be able to obtain another copy of the Florida AERC Plan to guide us? Any costs involved would gladly be remitted-73.

Sincerely yours,
E. C. Pressler, Jr.
Editor, STATIC,
Norristown, Pa.

(Editor's note: We are honored that Pennsylvania likes the Florida AERC Plan. Several spare copies were mailed to W3ZXV. Does anyone else need copies?-

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SPACE COMMUNICATIONS

Oscar III satellite, scheduled for launching into a 300-mile orbit early in 1963 will carry a frequency translation type repeater to receive signals at 144 Mc and transmit at 145.95 Mc.

When Mariner II (Venus probe) passes within 20,000 miles of Venus in December, its speed will be about 90,000 mph.The surface of Venus will be scanned by water vapor instruments on 13.1 and 19 mm wave lengths and by temperature instruments at 8-9 and 10-10.8 micron wave lengths.

The master clock of the U.S. Naval Observatory at Washington, D. C. was synchronized with the master clock of the British Royal Greenwich Observatory to within 10 micreseconds. This is roughly 100 times the accuracy hereforto possible. The synchronization was accomplished via Telestar satellite.

The National Bureau of Standards Central Radio Propagation laboratory will conduct studies of techniques for sounding the ionosphere of Mars and Venus from planetary flyby probes under separate year contracts from NASA. The Airborne Instruments Laboratory will develop breadboard techniques for a high frequency transmitter and receiver system suitable for probing atmospheres at a maximum of 40,000 KM. Three frequencies between 1 and 6 mcs will pick up and calculate range and rate.

THE BLURB - Pa.

HAMBAR — more on inside back

WANTED: 2 meter gear used transceiver or transmitter, State price and condition. Ken Farwell K4BZS, 4538 Oxford St. West Palm Beach. VO 3-0526.

Two Detroit Lub Co. pressure switches 5-160 lbs never used $7 each post paid W4ACT.

BUD Codemaster oscillator 110 volt $8.00. W4ACT.

Nominal 150 watt homebrew power supply 300 ma. at 485 elec. regulated, 150 ma. at 250 v. 75 ma at 125 v. Bias and each adjustable. Also 2.5/5.0/12.5/25 ac fil. All AC-DV volts metered (5) all DC milamp mteored (3) Separate fil. and xformer switches. Std. 19 x 10 panel in 21 x 12 x 14" H.D. cabinet $80. FOB pick-up after demonstration W4ACT.

SWAP Drake 2B Omulphier speaker for Drake Speakers only plus 10 bucks. W4ACT 1870 Fourth St., So. Naples, Fla.

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SEE YOU AT THE TROPICAL HAMBOREE - JAN. 19 & 20 - 1963

CHARACTERS I HAVE KNOWN

Many many years ago there lived a ham with the famous call of 2QR. Famous because he was probably the first ham to be heard over seas, on telephone at that! Quoting from QST for December 1920, "2QR HEARD IN SCOTLAND? There is every indication that a new record for amateur transmission was established on October 6th (1920), when the signals of 2QR, an ARRL station operated by Messrs. Harold and Hugh Robinson, Keyport, N.J. were reported heard in Scotland."

The article goes on and describes his rig as a DeForest 100 Watt Radiophone, with the letter from George Benzie, Aberdeenshire, Scotland, describing the reception of a certain phonograph record. Now this record has never been disputed, though at the time Robinson told QST he would like more proof.

Many of the Miami boys will remember "Robby" as 4EDD in the 1930's. Many will remember the "Curtis Aerocar Company" which he founded. Some 30 of us might remember the wild ride to West Palm Beach at some 60 MPH in this "airplane-trailer-like bus" when we called on the Palm Beach Radio Club to attend a "Beer-Fest-Boat-Party" put on in our honor.

Robby was never to be out done. He had the first 125 foot steel tower in town, the first pair of 852's running a kilowatt, the very latest National Receiver. HRO I guess. His ham shack looked commercial, it was so neat. He even had a "Chief Engineer," 4AKI by call. Any hour of the day, any day of the week, you could find 4EDD open for inspection — some station! Robby was always breaking records, it was in his blood, it was in the family! Why, even his old man held "Pilot License Number 1." I saw it! Was signed by the government and all. Robby was naturally known as the most famous and even wealthiest ham in town, though he never impressed me as one who enjoyed this title too much. He was a down right likeable "older brother" to us all and I don't recall ever having heard anyone say differently.

The one outstanding event in my mind was the time Robby was trying out a newly built Class "B" Modulator, supposed to be able to modulate a KW according to 4AKI. Class "B" was brand new and few know much about it. How I got into this mess ,I dare not say, but I wound up being the Official Advisor on How to Modulate a Power Line. No one seemed to realize that 852's running at 3000 volts were a high impedance load — for that matter "what was impedance?" Well there we were, talking into the mic, and at every breath, a twenty am load on the power line according to the power company investigator. With all this power "in consumption," narey a rop was going out into the innocent ether. Needless to say we finally got in straightened out by adjusting the taps on the modulation transformer, and the power company refused to put in a 50 KW pole transformer.

The last I heard, Robinson was living in Washington, D.C. He made his mark in New Jersey, and Florida, and I am sure Washington can not spare him at this time. We miss you Robby, come see us again. You young fellows — quit boasting — it's been done before! Robby did it! When short waves was 40 meters!

the Old Timer

EX CALLS

Here is another good batch of EX-Calls. Have you sent in yours yet? SKIP, Box 501, Miami Springs 66, Fla.

W4WSW ex W8DEZ, W2DEZZ
W4OHJ ex W8OHJ
W4YK ex 8GD, W3JXU
W4DTV ex W5LDL, KP4KIU
W4ACT ex 2AYM, K9PBW
W4ZJ ex 4CH, 4ZE, 4JZ
W4DVR ex W3JAN, W5MHY
K4MTP ex W9FRP
K4SJH ex VO6T, KA1US, K2-ILN, W3ORO, DL4EF
W4MIN ex W9LVL
K4AJ ex 9DPZ, 9EIB, W9POO
W8OXG, W8FF
W4QVJ ex W1QVJ
WA4HAA ex W5TKI
W4DQS ex W8DQS

HINT AND KINK

The APX-6 transponder I converted to ham frequencies, can be checked for frequency stability and also real close as to frequency. By using a frequency meter type CWS-60028 (resonant cavity) coaxial line type. Set micrometer screw to dial No. 1000 that 1300 mc. Turn dial (VFO) K4UGC, Miami.

HAM TV NEWS

This will be a somewhat hard column to write but I shall do my best. I am still getting some very niceconLauderdane tells me he plans a 432 Mc station, CW & AM citer to drive a 6252 tripler and 5894 13L yagi array giving 50 db gain he should get out. May try TV also. Solook for him fellows.

Harold, K4LHK seaw the column in Skip and came over for a demonstration with two of his three boys and listen to this, all three of the boys are novices. Ian, Wn4ICL, Bradley, Wn4ICK and Ronnie, Wn4ICJ. That' what I call a real family. And K4LHK is interested in the TV end, has a camera tube and plans to build a TV camera and try for contracts.

Looking over the frequency spectrum it occurs to me that the government and the FCC have been quite generous to us on the high bands. 2 Mcs on 10, 4 on 6, 4 on 2, 5 on 1¼, 30 Mcs on ¾ and hold your hat, 85 Mcs from 1215 to 1300 Mcs . For instance on ¾ meters all the frequencies below that band would fit into it. So it behooves us to make use of these bands as muchas possible as there juandiced eyes googling these luscious frequencies.

Sometimes things happen fast in this life. My little boy not yet five was developing a hernia and we decided to correct it. He was in the hospital three days and then home jumping all over the furniture as if nothing had happened. At the same time the real estate man comes up with sales contract on our property. Three days take or leave it, so we took it and will be now footloose and fancy free so we will take an extended vacation having been tied up for quite a while. After waiting for three years it had to all come at once.

Which brings me to my project which I had rather set my heart on. This was a HAM-TV exhibit at the annual Hamboree. Had one camera working and a Vidicon portable camera ready to wire. Had planned to get several TV sets with converters spread around the hall using one camera for slides and one for liv telecast. With a scope and moniter to allow the visitors to see waveform Etc. And possibly a PA audio systm at the operating position. But as we expect to be some distance away at the end of the month I am in hopes that some of our TV minded hams will pick up this project and see it thru. It would give HAM-TV a big shot in the arm and the Miami area some fine publicity. How about it fellows? How about a volunteer to take over the column?

Contact Evelyn, W4WYR, who was partly responsible for the project idea by bringing up the subject at the Flamingo Barbeque. Believe Evelyn will arrange for space for the project. And at this time I want to thank Andy, W4IYT for his kindness in providing space for the HAM-TV column. Also hope to contact the Flamingos, the Hialeah Radio Club members and the FMTN members by working portable from wherever we are stopping. Working with the various net clubs Etc. shows what very fine amatuer fraternity we really have. Be seeing you. 73.

Al-W4LSA.

SHORT TRANSMISSIONS

Small boy to his pop: "Sure I know the value of a dollar. That's the reason I asked for two." - . . . . - YF showing OM's workshop with power tools to friend: "This is where my husband makes the most expensive kindling in town." - . . . . - OM to YF looking in window advertising fur coats at huge savings: "You have heard of the other ways of saving money, I presume ...you know—like putting it in the bank." - . . . . - Tired mother to crying youngster: "Please go to sleep, dear. I need your nap." - . . . - YF to her grouchy OM: "Could I have ten dollars to tide me over until you're in a better mood?" - . . . . - Shoe department manager to customer: "Yes, we have quite a selection of loafers. I'll see if I can get one to wait on you." . . . . . Editor to readers: "Tell 'em you saw it in SKIP."

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

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Also shown: The Stradivarius of electronic keyers—HA-1 T.O. Keyer—$79.95; and the R-48 Speaker—$19.95.

SX-111 Receiver $279.50 Here's a CW/AM/SSB receiver with the essential performance characteristics of the renowned SX-101. CW/AM/SSB reception; complete coverage: 80, 40, 20, 15 and 10 meters in 5 separate bands, 6th band tunable to 10 Mc. for WWV. Upper/lower sideband selection; sensitivity: 1 microvolt on all bands; 5 steps of selectivity: 500 to 5000 cycles. Dual conversion, crystal controlled 2nd converter, famous Tee-Notch filter, built-in crystal calibrator. Separate AM and SSB detectors.

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TAMPA, FLORIDA

— SIDBAND SPOTLIGHT — W4GJI

(Editor's note: We are hapy to have another new column in SKIPP each month. What better way can we learn about our fellow amateurs than through such a column as this Florida is honored W4DKG and the others this

Greetings! Through the courtesy of the Editor this new column shall endeavor with some of the attributes and a history of some of our outstanding fellows. The first is Arthur H. Lynch, W4DKJ, as he tells it with an occasional NB by this writer. O'YEZ !

"I was born in Brooklyn, N.Y. on July 2, 1894-much to my parents' relief! (NB-that seems a point to belabour). I began operating an amateur station before license were required, about 1906 - 08 as near as I can pin it down. I obtained a 2nd grade commercial license in 1911 and became 1st grade in 1912.

"My first ship assignment was the Standard Oil Co. seagoing tug, the S.S. Astral and we sailed from New York on Lincoln's birthday, February, 1912. Several days later we were shipwrecked 4 miles south of Jupiter Inlet, Florida We were so high on the beach we could use a rope ladder and go ashore without getting our feet wet. I sent CQD and SOS, both were in use at the time, for 4 hours before N.A.Q. answered. He told me he had heard me all the while but he couldn't get his generator started. Sometime later we were pulled off the beach and towed to Jax by the Revenue Cutter 'Yamacraw'." (NB-we pause tonote that the Astral grounded on what is known as Niggerhead Reef today. It was the cause of so manywrecks that maritime law requires that shipping in that southward lane now bear 10 degrees to the East from Jupiter Light until abreast of the Breakers Hotel, Palm Beach when they return 12, 1940 the liner S.S. Manhattan, on a beautiful moonlight Sunday night, changed bridge watch abeam of Jupiter. Each watch thought the other had altered course so they steamed full ahead right onto Art's reef and since then that section has been known as Manhattan Beach We know because we had an open landline to AP and piped a running comment from the press boat'sradio for dissemination on teletype.)

"Many fine assignments followed including Doheny's yacht WAKIVA 1 in Tampico during the Mexico uprising; the Duke of Southerland's yacht CATANIA on which we made installation of radio gear and sailed from Key West for a cruise around the Carribean, stopping at most of the larger Islands, the northcoast of South America and Panama. Then, while radiooffiicer in the S.S. Allianca of the Panama R.R. &S.S. Line, I made the first trip of any ocean-going vessel through Gatun Locks.

"Later I was the first occupant of the Marconi Wireless Telegraph Co. of America's hotel and cottages at the trans-Atlantic receiving station at Belmar, N.J. which is now the site of Camp Evans. There I engaged in theobservation of static direction on long waves using a Marconi-Bellini-Tossi goniometer with a four legged aneenna 3000 feet high. Some of these observations were later used by Beverage in connection with his various writtings. Ibeleive that knowledge of these tests was basic in General Harbord'slater decision to send me to London.

"It was during 1917 - 18 when I was an instructor at the 2nd Army Aviation Instruction Center at Tours, France that I learned to fly. At that time the 'Air Force' was the Aviation Section of the Army Signal Corps and this school was for officers. It was from that assignment that I was ordered by General Harbord to the Commanding General's Office, London, to install the goniometers on the Handley- Page planes which were to bomb Berlin.

"On my return from WW1 I began free lance writing generaly on subjects dealing with Communications for Nautical Gazette; 'American Shipping Journal', 'Science & Invention', 'Radio News', et al Iserved as operator for the N.Y. Times overseas receiving station, geting news direct from Nauen and Hanover, Germany.

When I married I moved to New Orleans, becoming the first Southern Secretary of the United Radio Telegraphers' Assn. and owner of the Nola Radio Schol from which several important men now engaged in radio in Florida were graduated.

Upon the personal invitation of David Sarnoff, I returned to New York to become the first Director of Public Relations, RCA, of which he was the Vice President. Later I resigned to become Editor, 'Radio Broadcast', which was published by Doubleday, Page & Co. of Garden City, N.Y. Among thoes who wrote for me at that time were Marconi, Armstrong, Goldsmith, Hazeltine, Ballantine, et al among them James Millen for whom I published the first article he ever wrote.

During that time I organized the first International Radio Broadcast Tests. For one hour each night for a week every broadcast station in the U.S., Canada, Mexico and Cuba went off the air to allow American listeners to hear foreign stations. Among those who spoke to us from Europe were Lloyd George, Marconi and such folk; and it was four o'clock in the morning THEIR TIME! On this side of the Ocean Young, then chairman of the Board of General Electric, David Sarnoff and many other important figures of the time addressed the listeners in Europe.

In 1962 I resigned from 'Radio Broadcast' to establish Arthur H. Lynch, Inc. with offices in the General Motors Building in New York and a factory in Cranford, N. J. At the same time I became the first Sales Representative of the National Company of Malden, Massachusetts, and I held that position continuously for thirty-two years."

-to be continued-

RADIO CLUB VER OBEACH AMATEUR

The Vero Beach Amateur Radio Club (VBARC) held their regular meeting Thursday, 8 November, Cap Bldg., Airport Vero Beach. We also had the following visitors, Bill, WA4IHH, Stuart: C.J. Padrick, WN4ESM, Ft. Pierce: George M. Hall, W4-BUW, Ft. Pierce: Wes Kranitz, WA4AME, Jensen Beach: Elenore Wolf, WN4ESS, Ft. Pierce. Of these visitors, we picked up two new members, namely Elenore and Vince, as he is better known on the air, WN4ESM.

The following officers were elected, Pres., James H. Ellis, W4MBR; Tom Moyer, W4-KEE, V.P.; Secretary, Elenore, WN4ESS; Treasurer, John Dezutti, WN4IBN. Congratulations and god luck to the new officers, in this writer's opinion we picked a very good group of officers to run our club for the ensuing year. Being a young club (one year old) we are going to move forward this coming year as we have some high class VHF men and expect to become real active in "races" in the near future. Looks like our president, Jim, W4MBR, will become our radio officer and set up a better working plan with our C.D. people. Our 2 meter activity is really picking up.

This is just a fill-in for this issue by this writer, Bill, WN4JBC, should be ready to take over and will do a good job sending a column each month to "Florida Skip".

Grover
W4DFZ

HIALEAH AMATEUR RADIO CLUB

Code practice going on yet on ten meters. 28,600 every Wednesday and Friday 7:00 to 8:00. Roland WN4EJP, has been able to get volunteers to send code without missing a night since the project was started. The usual volunteers being Larry K4RSM, Lydis KN4ISY, Jay K4JAL, Clarence WA4BPA. Roland wants all comments he can get on code practice. Call on ten meters, two meters, or telephone right after code practice..

Tickets for the Tropical Hamboree are available at the club meetings and are selling pretty good. We still have plenty. Available any meeting night, first or third Tuesday, 8:00 P.M., Hialeah Auditorium.

Welcome back to Dave, young amateur who just returned from three years in Navy.

Al W4LSA, has sold his home and plans to move away. Al has helped the club in many ways in the past years, and has donated much equipment and supplies to the new hams in the area. We will miss him.

73 Red, K4GPJ.

The University of Florida's J. Ellis Miller Health Center is considered one of the most modern centers of health, medical education and patient care in the nation.

Editor, FLORIDA SKIP:

I have been receiving SKIP since subscribing at the Orlando Hamfest several months ago, and am well pleased with it.

Pass along to the gang that I can be found most evenings on about 7050 Kcs operating-NM. I am employed aboard the O.S. Coast and Geodetic Survey Ship HYDROGRAPHER-WTEI as one of the ship's electronic technicians and also double as the ship's radio op.

Didn't have enough advance notice of the trip to obtain license for the various countries that the ship will visit, but will be active all during the trip providing a traffic outlet for the crew. Have schedules planned with K4-EHY, in St. Pete.

Have a recent copy of the Bulletin from the Maratime Mobile Club, and there is a letter from a chap out in W7 land requesting info on how to get a radio operator's job aboard ship without a license in order to obtain the six months experience in pourding brads required for a commercial CW ticket. For the few that might be interested, the U.S. Coast and Geodetic Survey is a good place to do this. We have ships operating out of ports on both coasts and I will be happy to pass along any info if someone will drop me a line at 7415 41st Avenue North, St. Petersburg 9, Florida. The XYL forwards all mail, so there should be little delay in receiving a reply.

If any of the gang wants a QSO with a -MM station, I can usually be found around 7050. I am amazed at the number of stations that call me and ask for a QSL, saying they never have worked a -MM station!

73 Kenneth G. Kopp,
WA4HAA-MM (Ex W5TKI

GETTING YOUR TICKET IN THE U. S. S. R.

When you consider Army and Air Force MARS and the Navy Reserve amateur nets, it is obvious that our armed services realize the services we hams can provide for them. In fact, these programs provide a group of civilians who would require very little additional training if called to serve as radio operators in the services.

Though our military's program. As a matter of fact, the person in charge of Russia's ham training is a Lieutenant General in the Red Army!

The government is so closely linked to Russian radio clubs hat issues licenses on the club's recommendation. It is a club committee that decides on your qualifications. Even SWL's must pass an electronics course and be able to send and receive code at 10 words per minute. This exam is far harder than our Novice class, and still no permission to transmit ! !

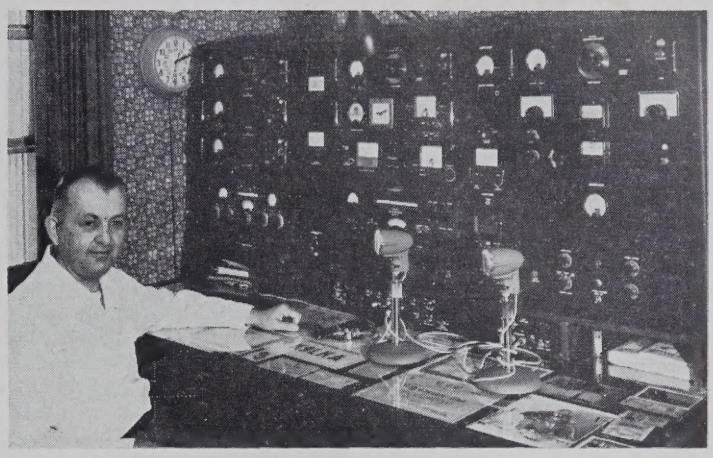
If you are at least 14 years of age and can handle code at 12 WPM you need only to pass another test and build a transmitter before you get a permit to transmit. On the air at last - - -80, 40 and 10 meter CW only-with a mighty 10 watts.

More code speed and a harder test give you 40 watts and you can also go to 20 meters, but still only CW. Now, you can work yp to 18 WPM and pass an exam equal to our Extra class. This allows you use of all bands with 2000 watte CW, AM or SSB. Congratulations - you finally made the grade.

The above info courtesy (?) of Radio Moscow, in the form of a transcript of a talk by UA3DR on October 11, 1959.

By the way, there is also a class of license which gives you use of 2 meters without a code test. Just need to be at least 12 years old and keep the input below 5 watts. Yes, boys, its Russian C-B.

Steve W4KVT
(W4CA LOG)



We just couldn't pass up printing this beautiful completely homebuilt station (except receiver and mikes) of Larry Kleber K9LKA/4 of Belvidere, Illinois and Naples Florida. Larry a member of QCWA, just finished a 4-100A Grounded Grid Linear which should appear in QST soon. If you are interested in a KW SSB Linear using 813's check Nov. 1961 QST. Needless to say Larry is a real builder! Nice going OM!

WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Recent events have caused a sharp increase in CD activities. Panama City has been designated Area CD Headquarters for Western Fla. K4GVV and WA4FIJ called a meeting of all EC's and RO's to plan Area RACES Net. Primary frequency will be 29,520 kc, with drills every Thursday at 8:00 P.M. CST. Alternate frequencies are 50.4 mc and 146.57 mc. Vertical antenna will be used on 10m, and all counties are asked to install a ground plane at their CD Hq.

Tallahassee: Leon County RACES will use a frequency at low end of 10m to link public shelters, using modified CB rigs.

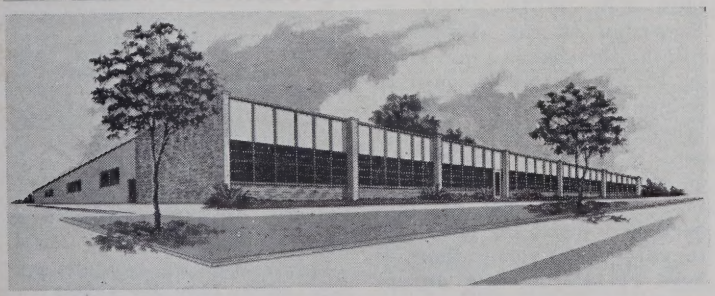
Defuniak Springs: K4VWE is new EC for Walton County. WA4IZS will soon be used on SSB with a Marauder.

Panama City: WA4FIJ was installed as new prexy of PCARC at recent banquet. W4MLE and W4RKH were KKB and WA4KKC are new hams in town. W8BBI-4 and K4PMO are back from Navy duty in Mediterranean. W4FIU has joined the 2m gang. WA4FJF received YLCC and WRONE certificates.

Ft. Walton: W4BVE is now RM, relieving K4UBR who was transferred. Jerry's move was a big loss to QFN and WARN.

Milton: K4XOH has been appointed EC for Santa Rosa County.

Pensacola: NAS club has started new code classes. Club meetings are now held every Tuesday at 7:00 P.M. W4AXP has moved, and is busy wiring up new ham shacks.



This beautiful building is the new home of HY-Gain Antenna Products, Co., of N. E. Highway 6 at Stevens Creek, Lincoln, Nebraska. It occupies 25,000 square feet located on a 32-acre plot. Needless to say Florida Skip strongly urges you to support our advertisers, for without them — there would be no Florida Skip.

FOR SCM

THE MAN WHO WILL DO THE JOB IN EASTERN FLORIDA ARRL SECTION. INTERESTED IN ALL PHASES OF AMATEUR RADIO.

VOTE FOR

ED CUSHING, W4QVJ

FROM UP JACKSONVILLE WAY

SCMs CORNER

Seems to me that now is the proper time to write something concerning what is expected of an SCM. It is so easy to lose sight of the efforts required of us all to keep the FCC convinced that we are not only doing a good job today but will continue doing it in the future. A great deal of our effort is being nullified by constant bickering between various groups of amateurs regarding the relative merits of their particular method of communication, the frequencies that they work, or the activity in which they are engaged. I admit that such disagreement is an indication of interest and is necessary to progress but when it reaches the point where one group or another insists that other groups discontinue enjoying the hobby as they see fit and join them in what THEY consider the only way to enjoy amateur radio then it is time to step back and take another look at this insidious thing that is threatening to destroy our hobby or at least cripple it seriously.

With reference to the duties of the SCM permit me to quote excerpts from the pamphlet published by ARRL "How to Operate an Amauter Radio Station" copies of which are available either from this office or directly from ARRL upon request. On page 7 under the sub-title of "Section Manager", you may read the following: 1. "The SCM, elected under League rules, is the sections OPERATING ADMINISTRATIVE leader. He is responsible for building and maintaining the section field organization IN THE NAME OF ARRL, and devising means through amateur radio operations of promoting high GENERAL interests and esprit de corps. HIS EFFORTS ARE DIRECTED TO PRACTICAL COMMUNICATIONS OBJECTIVES, SUCH AS CREATION AND MAINTAINENCE OF SECTION NETWORK ACTIVITIES IN ALL BANDS AND MODES PRACTICABLE. 2. "and general rediness for communications service IN THE PUBLIC INTEREST". 3. THE SCM IN PERFORMANCE OF HIS DUTIES IS RESPONSIBLE TO THE COMMUNICATIONS MANAGER."

Any traffic net, in order to survive, to produce operations capable of efficiently functioning as traffic handlers in providing a public service, MUST have traffic of sufficient QUANTITY passed on the net to continue to interest the member in this net. Very few traffic net members will continue to check in, day after day, with nothing to do but listen to a roll call. With lack of work to do, his ability to perform must invariably suffer. The content of the individual message is in itself unimportant providing it complies with FCC rules. The MAIN OBJECT of handling traffic, particularly in organized nets, is PRACTICE, for the day when each operatos's services will be required on emergency nets where he will be expected to handle considerable quantities of IMPORTANT traffic. When that time comes he should be able to perform at PEAK EFFICIENCY without hesitation or uncertainty. If we were to limit ourselves to handling nothing but important traffic in normal times we would have nothing to keep a traffic net alive hence the efficency of a large number of our ENERGENCY operators would deteriorate seriously so much as to slow down any emergency operation, that is, if the operators remained interested enough to continue to be active AREC members. Make no mistake about this—FAILURE TO MAINTAIN EFFICIENCY THROUGH PRACTICE MEANS FAILURE WHEN THE CHIPS ARE DOWN AND THE PRESSURE IS ON. ARRL has made available the BPL certificate to PROMOTE the handling of traffic. Section Net Certificates are provided to ENCOURAGE participation in traffic net activities. ARRL continually STRESSES the importance of handling traffic. Let us be wary of any efforts to slow us down in this direction, if such efforts be taken in the future. Let us not lose sight of one way to show the FCC that we are presently capable, and will continue to be capable, of facing up to any emergency situation and providing the PUBLIC SERVICE not only expected, but actually demanded of us by our government.

With reference to my first paragraph permit me to repeat some comments published in the November issue of VHF Horizons. "An FCC attorney, Mr. Leonard S. Kolsky, speaking at the Portland National Convention (ARRL, warned hams that they are "not immune" from the frequency problems currently faced by almost all other radio licensees. To date, ham frequency allocations have remained relatively constant for nearly 20 years. It is recognized that in the past, amateurs have contributed significantly to the advancement of the are of radio communications. However, the demands from all quarters for frequencies have put the Commission in a position of having to ask not only: "What have you done for the public interest LATELY?" but also "What guarantee do we have that in the future the public interest will be served by your continued operation?" Attorney Kolsky said that he was not intending to sound "the voice of doom" but rather to give a note of warning. Many officials at the Comission feel that "too much amateur time and energy are being dissipated in quarrelling among yourselves" instead of demonstrating to the commission that hams are using their assigned frequencies' "in an efficient and intelligent manner".

Ladies and gentlemen, this is a HOBBY where we should be able to feel that we have the right to enjoy ourselves, within the limits imposed by the FCC, without interference or persecution by any individual or group of individuals. We should be able to handle traffic, work DX, engage in contests, rag-chew, emergency practice nets, etc., on AM, SSB, CW, RTTY, FAX or Television on any frequency within the bands, permitted by the FCC, that is open to legal amateur operation. When or if something happens to threaten this freedom of our hobby **let us not run away and hide. Let us fight back and insist on our right to enjoy this hobby that we have chosen, against anyone or anything that threatens it. ARRL is your strength as an amateur and one sure link to the FCC in demonstrating our continued public service activity.**

Will YOU indicate your choice in the coming elections for SCM by exercising your PRIVILEGE to VOTE?

Thanks and 73—

Ham K4SJH SCM

AMATEUR F.C.C. REGS

"The following amateur regulations are published for your information and guidance. Read them carefully please."

12.106 One-way communications. In addition to the experimental one-way transmissions permitted by 12.101, the following kinds of one-way communications, addressed to amateur stations, are authorized and will not be construed as broadcasting: (a) Emergency communications, including bona-fide emergency drill practice transmissions; (b) Information bulletins consistng solely of subject matter havng direct interest to the amateur radio service as such; (c) Round-table discussions or net-type operations where more than two amateur stations are in communication, each station taking a turn at transmitting to other station(s) of the group; and (d) Code practice transmissions intended for persons learning or improving proficiency in the International Morse Code.

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HAROLD S. GREENWOOD, W6MEA

2341 Ivyland Ave Arcadia, Calif.

QTC?

Herewith we launch a new column.

It will be devoted to traffic handling—in the same sort of clinical detail which marks the better DX bulletins (like the Florida DX Report and DX magazine-.

It is not a gossip column about who made BPL this month, nor will it contain any statistical compilations of how many messages were handled on the Podunk Hollow Two-meter Sunday Afternoon Clambake and Traffic Net.

It is aimed at the traffic buffs who are serious enough about this phase of our hobby to make traffic handling a major operating activity.

In a sense we are engaged in a great experiment to see whether any column so conceived and so dedicated can long endure.

Let us begin by requesting authors of all net bulletins to put us on their regular mailing list so that we may benefit from your information on traffic.

This is not a Florida column. It is not a 4RN column. It is not an Eastern USA column. It is not even a national column. Amateurs handle traffic to many parts of the world and that's the area we'll cover in our info.

But it will be an Amateur column. We are interested in routing traffic over Amateur circuits to permissible destinations. It is not an NTS column, although NTS will naturally play a big role in things. We invite info about all amateur traffic skeds, if they're open to general traffic and decently reliable.

In particular we would like to receive info on overseas skeds which can take traffic for South America and the Caribbean. Much such traffic seems to find its way into QFN and disposing of it becomes a problem without good liaisons.

We understand there are moves afoot which may lead to the establishment of a CW NTS section net in Mississippi. If this comes about, it will plug a difficult hole in RN5. Now if somebody will get one started in Louisiana.

Until about two years ago, Tennessee was assigned to RN5, since a large part of the state is in the central time zone. After much deliberation, it was decided to shift to 4RN. However, because the Tennessee net meets at 0100, after 4RN has started, it has not worked out well, so they shifted back to RN5 on November 1. (GNS Bulletin-.

CAN operators are reminded that **Florida** traffic be routed to RN5 rather than over TCC to ETN and RN4. Florida's cw net serves **both** sections and QFN sends reps to both RN5 and 4RN. The RN5 routing from CAN is much to be preferred.

WARN has had a lean season this year but a couple of notable changes have taken place. Manager K4UBR shifted operation to 3550 kc and 7100 kc, with provision for operation on 14,010 kc as nessessary. This will result in a valuable guard on the a valuable guard on the NCEFs at times when it may be needed most. WARN is an inter-state circuit representing largely the coastal states from Texas to Maryland. It operates only when some part of the coastal area is threatened by a hurricane or other weather emergency.

K4UBR is enroute overseas and will be QRT NTS for a year or two but W4BVE is picking up WARN managership.

American Red Cross, under the able direction of K4IAG, is reworking its use of Amateur Radio from start to finish. Great changes may be expected in the next few months and the chances are good that Amateur Radio will assume a bigger role than before in AMCROSS disaster communications.

The Georgia Net Bulletin advises GSN will no longer send an official representative to AENB. Traffic from Alabama for Georgia, henceforth is supposed to be routed through RN5 to EAN to 4RN to GSN. That seems like the hard way to do it when the direct liaison system has worked so well for so long.

A good outlet for arctic traffic is W9NZZ, who keeps a daily sked on 14,110 kc sometime between 2100 and 2200 GMT. Stan has been on that sked, he says, for some 12 years and he handles a great deal of traffic for the DEW-line crew, much of it more like letter-mail than radiogram traffic. He's a real stickler for the fastest possible delivery, rather than regular traffic sked routings and properly so. This traffic is "serious" traffic. there isn't any good way of getting it out, except through amateur radio and it certainly rates preferred handling.

What kind of liaisons are available to the Intercontintal ther Net?

QRU 73 WRMLE

Contributions (info — not cash) should be sent to George Thurston W4MLE, 3407 Prock Drive, Tallahassee, Fla.

TRANSATLANTIC WORLD-WIDE DX TEST

(The following was received from Mr. 160 Meters, Stewart S. Perry, 36 Pleasant St., Winthrop, Mass., with a request from the Florida amateurs to report any DX stations coming thru during these tests. Ed)

The annual Transatlantic and world-wide top hand band 160 meter DX test will be held as usual, this year on Sunday mornings, December 2 and 16; January 6 and 20th; February 3rd and 17th, from 0500-0730 GMT. During these tests, special efforts will be made to contact Europen, Asian, African and other 160 meter DXers throughout the Transatlantic World, for general DXing. Also particularly to make observations and to contribute to the study of propogation conditions on these frequencies. This annual 1.8 activity since 1932 has been planned as TESTS and con Contests, as an unusual operating activity, without competition. W/VE stations will call "CQ DX TEST" the first 5 minutes of each hour, and each alternate 5 minutes thereafter, LISTENING the second 5 minute period, and each alternate 5 minute period after that unless working or hearing DX. DX will of course, use the opposite periods for transmitting and receiving. When DX is coming thru, the idea is to work it regardless of the time periods.

All Florida "heard" reports should be mailed to the address above.

DADE RADIO CLUB CONTINUES GENERAL CLASS SCHOOL

Chuck W4LVV announces that four students were successful in getting their novice licenses. Congratulations to all and while the names escape me, I know one of them is the pretty belle known as Mrs. Catherine Connolly XYL of K4YSS.

Charley Gilhofer W4VGT reported ill and at Jackson Memorial. Happy recovery Charley. Let's have you and your humor back at the meetings soon.

A spanking new election slate was delivered in the last meeting and the results are:

President — Jim Bonnell W4EDP ex W8CKE ex W5-PAC.

Jim has been a resident of Miami for four years, was licensed in 1946, joined the Club a few years ago, quickly becoming one of the hardest working and quiet pillars of Dade Radio. His dedication and work were soon noticed and resulted in the honor conferred upon him at the last meeting.

Vice President — Chuck Bolvin W4LVV. No need to go into Chuck's accomplishments; they are universally known.

Secretary — Evelyn Gauzens, W4IYR.

Tresurer — —Paul Connolly K4YSS.

Board of Directors — Forest Bohr K4SEE; Carl Gauzens W4DTJ; Paul Kline W4LQN; Leroy Jocobs K4-PFB; Jack Wacher W4OBA.

The Club appreciates the outgoing officers and thanks them very much for a very dedicated and successful reign.

Jack Wacher W4OBA
BCNU

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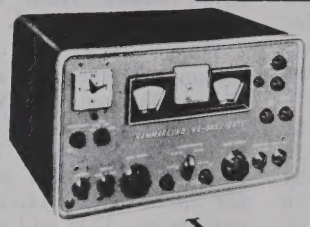

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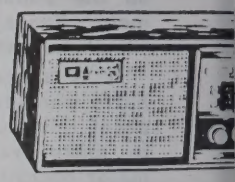

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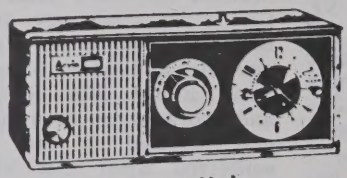

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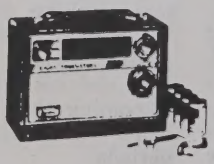
Slumber Switch



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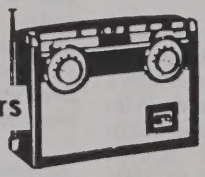

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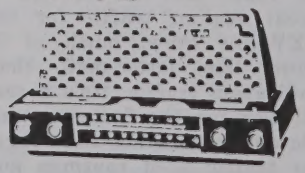

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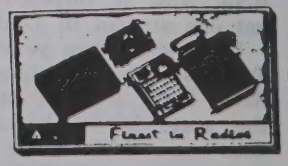

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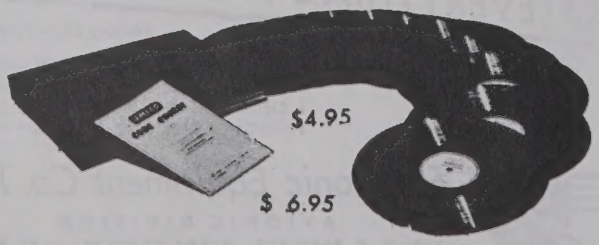

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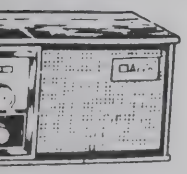

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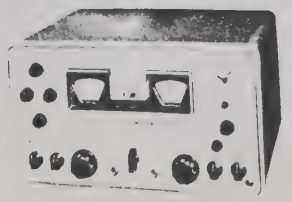

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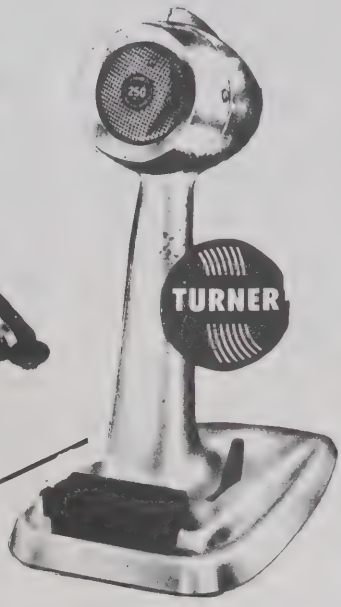

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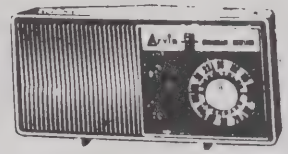

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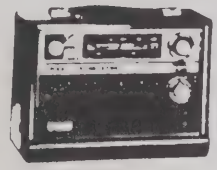

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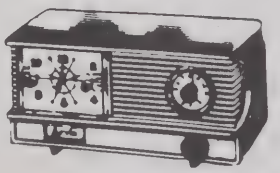
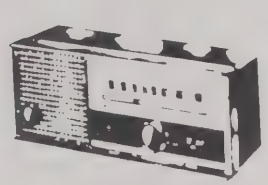


Slumber Switch

$21.22

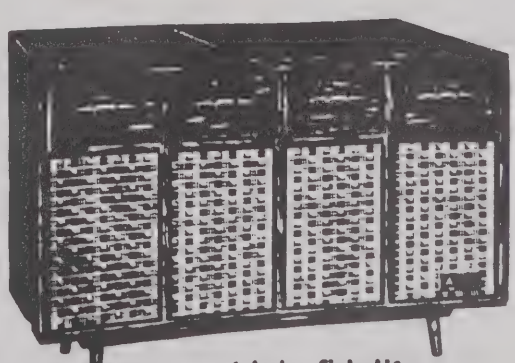


6 Tubes

ORTABLES

ed

$165.86



Stereo high fidelity

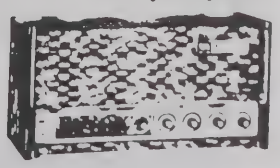
$21.22

GOLD

6 Transistors plus Diode

$51.42

VINYL



8 Tubes—2 Diodes

LETTER ABOUT SCM

I have been asked by the local clubs to undertake a rather pleasant but monumental effort—that of acquaint the ARRL members concerned with the election of a new S.C.M. for Eastern Florida, with the qualifications of one of the candidates, Ed Cushing, W4QVJ. The JARS and the NFARS, with great pride nominate and endorse this candidate.

Ed, W4QVJ, ex W1QVJ, an amateur since the forties, has been a member and supporter of ARRL for all these years —not a "Johnnie - Come - Lately", who finally gets on the band wagon after allowing it to pass so many, many times. He may not have always agreed with a few directives or recommendaions, but he has given his support to the wishes of the majority, rather than being childish and withdrawing his support and membership. If we withdrew our citizenship or our support to our country every time our governing body made a ruling or suggestion we did not personally like, I feel the population of this country would be drastically reduced. However, we are an educated people, tolerant and adult-like in our thinking.

Ed, a well educated individual, has been taught and has learned well the importance of obtaining and evaluating the facts before allowing his personal opinion to overshadow his reasoning. Though strong is his convictions—a hearty fighter for his beliefs, he will battle just as hard for those who may differ, yet are in the majority.

Ed's activities are not confined to just one mode or group. He is active on sideband as on C.W., and can often be heard on A.M. He works 80 through 10 meters, and at present is making preparations to go mobile in addition to having his fixed station, since he spends about 65% of his time traveling the entire state. I am sure that the DX boys know well of his activities. The past and the planned expeditions that he and several friends have made have provided many new contacts for us. Ed's call may never appear at the top of the list for traffic handling—but he is on the list—active and reporting as any interested ARRL member should be done.

Last year the clubs in North Florida awarded Ed the year round activities in DX, Educational Services, Construction, Civic Benefits, and Station Capabilities in Amateur Radio.

Sd's profession requires him to cover all major cities in the state every ten days. This means that he shall be visiting several clubs each week. During the year the metropolitan clubs could be visited several times, and the smaller would even have the benefit of occasional visits from the SCM. Heretofore, due to the limits of travel expense, the SCM has only been able to visit the more populus areas. These visits would be very beneficial to all —giving us a chance to personally express our views and wishes to the SCM, and too, it would reduce much correspondence by the clubs and individuals.

It is with much pride that we therefore point out the attributes of this outstanding operator, feeling that the W4QVJ to the office of S.C.M. will be a benefit to all amateurs, not only in the Eastern Section, but in the entire state.

Sincerely yours,
Gilly, K4YSP

They are ill discoverers that think there is no land when they can see nothing but the sea. — Bacon

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ST. PETERSBURG AMATEUR RADIO CLUB

SPARC members are starting to think about nominations for the election of officers in December, which means the usual Installation Dinner in January. In the meantime, there are various holiday activities including Xmas parties, etc.

SPARCYLS held their annual Xmas party for all YLs in the area Sunday, December 2nd, at the home of W4LOX-Estelle.

At the regular SPARC meeting, November 2nd, a visitfrom K4SJH-Ham, our present SCM, was enjoyed by all present. We congratulate Ham on the fine job he has done as our SCM for the past two years and regret his not running for reelection this year. However, we wish him the best of luck in future undertakings. We had expected a visit from W4QVJ-Ed Cushing, of Jacksonville, who is a candidate for SCM, Eastern Florida Section, and regret he did not make the meeting.

In our last column we mentioned K9TUK - Frank, from Lumbard, Ill., had moved his family to St. Petersburg. Our happiness turned to sadness when Frank suffered a heart attack, was in the hospital for about a week and two days after returning home, passed away. Our heartfelt sympathy goes to K9UWG-Gladys, his XYL and daughters.

W4TR-Bob Fenimore was among those hams, licensed in 1912, honored at the Golden Anniversary of Licensing Banquet held in New York City October 13th. Congratulations, Bob, we're proud of you. However, regret to add that since returning home, Bob has been laid low in the Mound Park Oospital. We hope he will soon be home and fully recuperated in short order.

The Suncoast YL Net, which meets every Wednesday at 2100 hours on a frequency of 50.3 MC is progressing, but are still listening for more YLs to check in. It was quite gratifying to have WA4FJN-Rosalie, of Englewood, check in and we hope she will join us every week.

K4EAC-Hilda is Net Manager and was Net Control for the first month of net operation; WA4EDL-Nancy, did a fine job as Net Control for the month of October. W4-BAV-Cathy is Net Control for November—let's see if she "goofs" it up. Don't forget all you OMs, Floridora contacts are available after these nets; also Suncoast VHF and SPARC contacts for certificates. Come on gang, let's get some activity!!!

The 10-meter AREC Net meets every Wednesday at 2000 hours, on 29,000 KC. WA4BGU-Bill Simcox is Asst. EC, and is well pleased with response on this net. There were 23 checked in at this writing and each week sefs nw check ins.

73 Cathy, W4BAV

"40 YEARS AGO THIS MONTH"

FLORIDA: More stations are on the air and more messages are being handled. This is partly due to improving weather conditions, but mostly due to the increased efforts of the men themselves. District No. 1 reports practically nothing doing. 4BP spark (Morris Clark, Jacksonville, now W4JR, Annadale, Va.) has stepped out and worked some real DX, but has handled no messages. 4EZ Clarence Clark, brother of 4BP) is out with a burned out transformer, but promises to be on the air soon. No. 2: This section is showing more activity than ever before. 4BF (McClung, St. Pete) 4JY (Hall, St. P.) 4IZ (Bill Moore, Tampa), 4JZ (Meyer, St. Pete) 4LH (Tampa) 4JK (Tampa), C. W. and 4MZ (Tampa) spark, are all handling messages, and 4NU (Danforth, Orlando) has a C.W. station almost ready to turn loose. We regret that we are to loose our star station, 4BF, temporarily. His outfit is now located at 4JZ. Section No. 3: 4BH (Raymond Martin, still Miami, Fla.), ½ KW Spark and 10 watts C.W. is the only active station here, but he is having difficulty in reaching out. Severay C.W. stations are under construction. District No. 4: 4DL (Davidson, in N. C.) is heard consistently and has handled a number of messages, while 4BC (Huggins) continues to do good work on spark. 4OI, in Puerto Rico, is heard nightly working real DX and handling traffic with the States.

(As reported in the Dec. issue of QST for 1922, by B. W. Benning, 4BZ, East Gulf Division Manager.

SOUTH MIAMI RADIO CLUB

A very interesting and educational talk on S.S.B mechanics, and circuity, was given by Al Wilcox, K4ELR. Much research and work went into this program, and it was appreciated by all the members present. Hope we have more of these programs.

Joe Stemper WA4BZB is doing a bang up job on finding a practical six meter rig for the club. Recently, Joe brought in a transmitter and power supply that he had constructed entirely from economical TV parts. Let's hope the members get together and build several like it for the club.

SMRC members were invited to a Luau at K4YSN Tandy Way's QTH. The The tropical landscaped grounds made a perfect setting for the savory, exotic food and refreshments. The congenial host and hostess were Tandy's parents, Mr. and Mrs. Way.

WN4FBQ Jack Genova'sXYL is home recuperating from her recent visit to the hospital. Best wishes, Lucille, and hope to see you and Jack at our next meeting.

New members this month are Jimmy Allison WN4KKO and Ken Rubin WA4GEQ. It was nice to see John F. Porter W4KGJ, one of the first members of S.M. R. C., at a recent meeting. Whare have you been keeping yourself, John?

The annual election of officers will be the first regular meeting in January. So it isn't too early to think of nominations. Let's have a nice turnout, and exercise your right to vite.

We thank the many visitors to the SMRC for dropping in on us. Meetings are on the first and third Fridays, at the Coral Gables Police Dept. —time 8 P.M.

Why not come in, introduce yourself, and have a fine time?

SMRC, in asociation with Everglades Radio Club, held their annual picnic Nov. 4th. Ernie Tischner K4KIC, in charge of games and prizes, kept everyone hopping, with very little time in between contests. The prizes were too numerous to mention. The picnic was a tremendous success with over seventy persons attending, and enjoying a full afternoon of fun and recreation.

In conclusion, I want to remind everyone to support AREC and RACES.

73 Jack, WA4AMV

BE ADVISED AMATEURS

You are reminded of the US Communications Act as applied to the Amateur Radio Service, especially sections 601 and 606.

Section 605 says that no person receiving or assisting in receiving; or transmitting or assisting in transmitting any nterstate or foreign communications by wire or radio shall divulge or publish the existance, contents, substance, effect or meaning thereof, except through authorized channels to any person other than the addressee or his agent, etc., and no person not being authorized by the sender, shall intercept any communications or divulge or publish its contents, existance, etc.; or use such intercepted communication or information contained therein for his benefit or any other unauthorized person. This section does not apply to the contents of radio communications; either broadcast or transmitted by amateurs or others for the use of the general public, or relating to ships in distress.

Section 606 defines the powers of thePresident ofer the communications media. Amateur stations can be closed, operated by government personnel or in government service, or the equipment be taken by the government upon just compensation to its owners. (Above sections avvreciated and paraphrased. Full text in ASRL License Manual.)

You are further reminded that transmissions from your stations, even on lower frequencies are monitored in Cuba and other areas of the Atlantic and Carribean. You are urged to refrain from the mention of any information not previously broadcast or published pertaining to the movement of troops, equipment, planes or ships in or through your locality, or any other information that might supply to unfriendly monitoring stations, a missing piece in the jig saw puzzle of American intentions and actions. The instant that the amateur radio service jepardizes the national security, we will find ourselves off the air. DON'T BE A BLABBERMOUTH!

W4SDR PAM - 40 E. Fla.

— DADE RADIO CLUB

During the last meeting in October our mediocre program chairman finally came up with the head of the Communications System in Sheriff Tom Kelly's office. Lt. William McKee, assisted by a strapping six-foot sargeant, held a timely lecture accompanied with very interesting films, on the communications complex housed in the new Safety Director's building. The operation was so impressive, and so efficient, that it should put all the old-time crooks out of business and give the more modern ones pause to think.

Attendance has been fair to middlin' in spite of the prizes awarded to the Hamboree salesmen.

News of the individuals in Dade Radio comes in very, very rarely and it seems it is like extracting seven-year molars in order to gather some information. I wonder if a good idea would be to print the individual's name in our club, next to his name place the news, if any, or if none, just put three spaces of blank. Maybe that will do the trick.

Nominations for the complete slate of elective offices were brought in for the past two meetings. Elections will undoubtedly be held during the first meeting in November. It looks as if we are going to have a new President, Jake K4PFB stepping down after one of the most successful reigns in Dade Radio Club history.

W4LVV Chuck, still looking for ancient ham gear, a loan, that is, not for keeps.

General class school coming along fine, so says W4-LVV.

Nothing else new.

BCNU 73

Jack Wacher W4OBA

SATELITE PACKAGE

We understand the Central Radio Propagation Laboratory (Bureau of Standards plans a satelite package for NASA launch in 1963 which will probe the density of the ionosphere on medium frequencies. Known as a "topside sounder," in orbit the package will send pulses down to the ionospheric layers at frequencies from 2 to 8 mc., and telemeter the results to ground stations. We mention this because one chosen frequency is 3,720 kc., in our amateur band.

This seems an unavoidable occurrence because the family of frequencies derives from a single control source.

The power is but a few watts and its signal may not be heard inside the ionosphere, but ARRL shall be in touch with CRPL to see is amateurs might perform any useful function in the experiment.

John Huntoon
ARRL Gen. Mgr.

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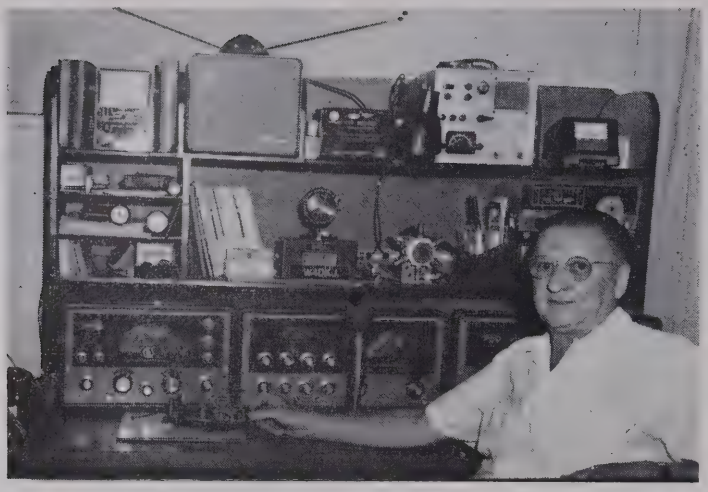

Mr. Arthur H. Lynch W4DXJ, 2878 Valencia Way, Fort Myers could easily be considered Mr. Amateur Radio in Florida. Art has led a very interesting amateur and professional life. Don't miss "Sideband Spotlights" on DKJ the next few months. Art works all bands, and as you can see likes Hallicrafters equipment. Mr. Lynch can be found most any day chatting with his friends on 3940 kc SSB. Give a listen.

ATTENTION TECHNICIANS

An excellent opportunity to prepare for General Class Amateur License examination is provided at Southwest Miami High School. A class for "FCC Amateur Radio License" has been meeting since September and is now reviewing theory and practice with question and answer exercises.

Explanation of the theory gives a thorough understanding of the subject. Especially helpful are hints on how to understand the question in order to choose the correct answer in a multiple choice type of examination.

The review covers all questions in the A.R.R.L. Radio Amateurs License Manual, Radio Amateur Question and Answer License Guide by Ameco, and selected questions from Riders Q & A Manual for second class radiotelephone license.

The first hour of each session is devoted to code practice. Code is learned at the rate of 13 wpm so that the student gets used to that speed and does not get stuck on a 9 to 10 wpm plateau. The course is part of the Lindsey Hopkins Education Center adult education program. Classes meet Monday and Wednesday from 7 to 10 P.M. A registration fee of $2.00 for the course is charged each student. The text used is "Amateur Radio Theory Course" by Ameco. The class will continue with review until the middle of February.

A new class will be started Jan. 3, 1963, to meet on Tuesday and Thursday from 7 to 10 P.M. Registration fee for the course is $2.00 and the course runs 120 hours. The first hour and a quarter is code practice, a fifteen minute break, and an hour and a half of theory.

This is an excellent opportunity to participate in a planned study course and get that General. For further information call the school at MO 7-5640 or Al Wilcox W4ELR at MO 1-2804.

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FLORIDORA YL NEWS

by Jeri Bolles, K4RCX

W4HRC-Little Bo is on the air every Monday on 7225 kc around 11:15 a.m. talking to FLORIDORAS while munching on her sandwich. It makes for a busy lunch hour for Little Bo, but very nice having her on the air.

K4RNS-Marge, has been appointed 4th District Chairman for 1963 by YLRL. Congratulations! This gal really keeps busy!

K4RDX - Anne, Chairman; K4RHL-Ellie and W4VSG-Sue of the Nominating Committee would appreciate all FLORIDORAS mailing in their nominations as soon as possible. So please, NOMINATE and mail to Ann.

K4TBG-Kay, we are sorry to report, has been in the hospital for a serious operation and her stay there before and after the operation has been a lengthly one. She is on her way to real speedy recovery now and we hope to hear her bringing in DX on six meters again soon. Get well quick, Kay.

D4UF-Dot spent a month in Washington, D. C. with her OM and know she enjoyed her stay in the Capitol. She has a new Collins 3OL-2 and along with that nice piece of gear she had some good news. She has received a National Science Foundation Grant to support her research on blood parasites. Congratulations Dot.

K4J,ZiX-Joan and her youngest boy took a trip to New England to visit her family and to enjoy the cool weather. Is it cool enough in Florida for you now, Joan?

K4UIZ-Evelyn is the first woman President of the Orlando Amateur Radio Club since it began 37 years ago. And K4YAS-Jean was elected President of the Broward Amateur Radio Club. It puts plenty of responsibility on the shoulders of these FLORIDORAS but they will do a wonderful job. We are proud of you And best wishes for a very succtssful year Ev and Jean.

WA4FJF-Ellen has been reelected Secretary of the Panama City Radio Club and is the first Florida station to receive the Sylver Dollar certificate from the Colorado YL's.

K4PPX-Fran was over in Panama City for the big PTA meeting and Ellen had invited Fran over for dinner. Hope Fran could make it, as both being hams and involved in PTA they should have quite a bit to talk about.

A big FLORIDORA welcome to WA4IDV-Jo Ann—Gainesville.

HAPPY BIRTHDAY: December 4-K9MUS-4; 5-W4-TQE - Wn4BGK - K4PNH; 9-W4HRC; 17-W4QBY; 24-W4LXI; 30-K9KKG-4.

A VERY MERRY CHRISTMAS AND A PROSPEROUS AND HEALTHY NEW YEAR.

NEW CLUB . . ON THE GO!

The desire to provide an additional community service has spurred several operators in Dade County to shape up in the form of the North Miami Amateur Radio Club. NOMARC members operate ARS WA4KJF located at 775 NE 123 Terrace, and the station is now active in several local nets with plans afoot to participate in other local and state net activities.

During the recent buildup of tension over the Cuban situation, NOMARC members and other local operators pitched in to maintain a continous radio watch at the request of the Civil Defense Director for District 4, Dade County. The station site at CD Headquarters in North Miami was alive with much activity for a period of 170 hours. Club officers and members at NOMARC appreciate the assistance offered by nonmembers to keep the station in service throughout the CD alert.

Future plans of NOMARC use WA4KJF as a nucleous of activity to extend community services and promote experimental projects.

The Executive Committee is staffed by: Don Copeland, W4CII, President; Bill McDowell, K4ZDS, Vice President; Dick Fredericks, K4-UGC,Secretary; Jim Hudson, Sr., W4WNS, Treasurer; and Bernie Wimmers, K4JDF, Sgt. at Arms.

Inquiries regarding club activities are invited and may be directed to any member of the Executive Committee. Correspondence should be directed to North Miami Amateur Radio Club, 775 NE 123 Terrace, North Miami, Fla.

W4CII

WHY VHF SSB

To express the reason for the rapid increase in VHF SSB activity perhaps these two words "maximum efficiency", would be most adequate. Proven to be more reliable and conservative of spectrum, SSB can also accomodate a greater amount of activity.

Let us take a look at a 50 MC.SSB signal. For instance, an intelligible voice signal contains audio frequencies from 300 to 3000 cycles. The SSB transmitter contains a highly selective filter which filters out any frequencies below or above 300 to 3000 cycles. Without going into the process of obtaining a side band signal it will be sufficient to say, the resultant signal is 50MC plus 300 to 3000 cycles less carrier and opposite sideband 30 to 50 db down. You will note the opposite side band is still present but 30 to 50 db down.

One should never compare a 50 MC. SSB signal to a 20 meter SSB signal as far as local acitivy is concerned. A 20 meter station operating with 2000 pep will have the effective signal of a sixer operating at one half power at a distance of twenty five miles.

I make this example to clarify why carrier and opposite side band is still a strong signal from a 50 MC. station operating a long distance from your qth. This being no fault of the SSB station.

From the above it would seem that only a limited number of stations could operate in a given amount of spectrum. Further in this article it will be brought out to the contrary.

It is needless to say if you are in close proximity with a 50 MC. station you will detect the oppositite sideband and carrier.

The present day broad band converters ahead of that old faithful pre-war reciever are rapidly becoming inadequate for both AM and SSB. These converters look at the whole band 50 to 54 MC. With this set up selectivity is governed by the IF receiver selectivity.

The present day occupancy of the six meter band under sporadic E conditions will soon force this type of converter to go the way of the old super regenerative receiver.

Most of the older recievers have poor IF systems, with a good deal of built in distortion and are good generators of spurious signals with in themselves. R. F. selectivity being inadequate failing to provide filtering of spurious responces as well.

Now to take a look at Maximum Efficiency. Reciever selectivity is a function of bandwidth. For AM a 6-KC bandwidth is required. For SSB a 2.1 Kc. band width is most desirable. Selectivity and now signal to noise ratio are dependant on band width. The more narrow the band width the better the signal to noise ratio. To express it differently, the less competition the signal has with background noise level. A decrease in band width provides the ability to copy signals further down in the noise level. There are many sources of noise, thermal agitation, static discharges and man made interference are the major noise factors to contend with in the 50 MC. band.

The SSB receiver with its narrow pass band, low noise RF and Mixer plus a product detector, which does not manifest itself with random series of impulses scatter across its spectrum as the AM detector is the ideal receiver for 50 MC.

SSB at the present has the ability to use voice modulation with a very narrow band width. This allows receivers to be used to their full advantage.

CW can be used with a decreased band width to 100 cycles. This band width can be used for slow speed CW, Fast Speed CW requires an increased band width. CW therefore maintains an advantage over SSB.

It does not take a great deal of reasoning to see why the SSB stations can operate within the first fifty KC of the 50 MC phone band. If this type operation is such a monster then why are the SSB stations able to work each other three KC away from one another? I would also like to mention that there must be some very considerate SSB operators as there isn't any FCC ruling saying that they must restrict their operating to the first fifty KC of the phone band.

The six meter band is not considered by the FCC as a communications band. QUOTE, QST September 1962 page 65, paragraph one. "The Technician Class License had been created expressly for serious-minded experimenters to air test their equipment, that it was not intended as a communications service."

Would you say that buying a Globe Scout and operating wit ha VFO that sounded like an Electrolux vacuum cleaner for a period of three years experimenting.

Since this is an experimental band according to the FCC it my opinion that this is just the band to try out all your pet circuits, good or bad.

I do not feel that any further nonsense should be printed in this paper by any uninformed writers, about how the technicians should keep their test signails off the air. This is exactly what this band is for, ON THE AIR TESTING.

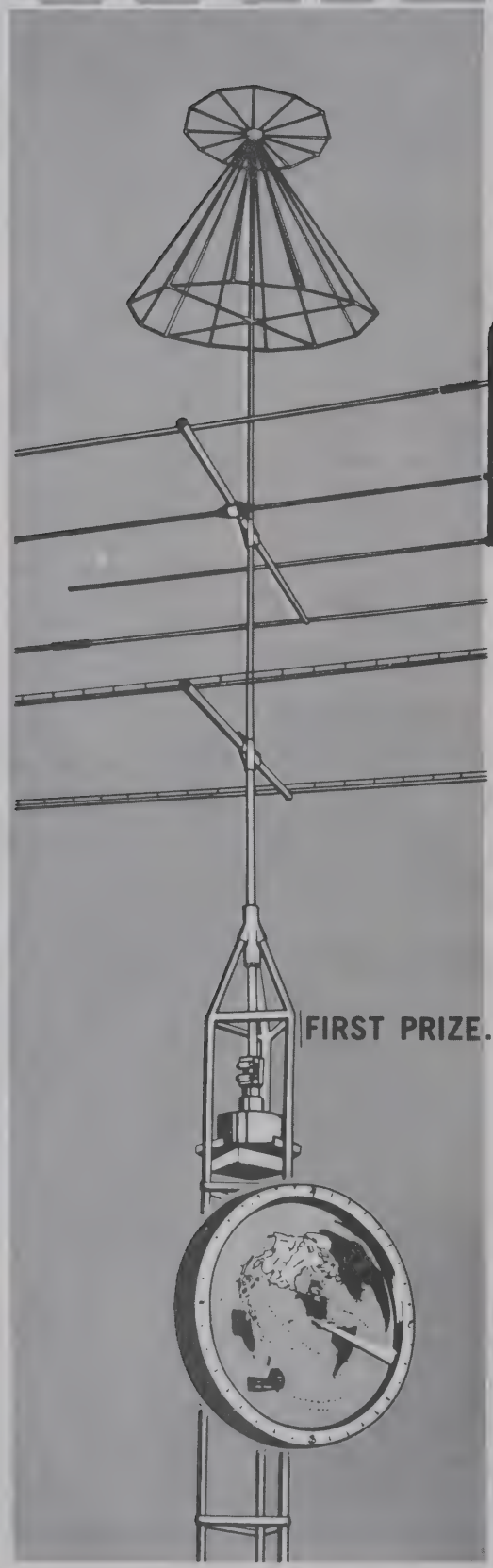
Vic Ziminski W4LIP
Cu on SSB.

FROM HERE 'N THERE

Lee's Summit, Mo. Just a note to tell you folks what a fine publication you have down there in Florida. As foreman of a newspaper and also editor and publisher of Lee's Summit Radio Club paper I can appreciate the task you have. Congts on a fine paper and please keep us on the mailing list. Jim Brown KOLNM . . . Weston, Conn. Enclosed is $1. for five copies of your AREC "Manual of Operations". This is a beautiful job of organization it are to be congratulated. 73, Henry B. Sprague, SCM, Conn. . . . New Port Richey. Am enclosing $4. for three years subscription to Florida Skip. I hop I'll be here to renew my subscription at the end of three years. Past my 70th birthday 29th October and been retired since June 1946! 73 Harold B. Doten W4KJ, Lcdr USCG, retired . . . Brookville, Fla. You wanted Ex calls? Here are two W4TXA ex W2BZU and W4ZGS ex K2AXT. 73 Mac.

Prosperity doth discover vice, but adversity doth discover virtue. — Bacon

WIN



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3rd PRIZE—18HT All Band Vertical
4th PRIZE—TH-4 Thunderbird Tribander
5th PRIZE—TH-3 Thunderbird Tribander

*Sorry, we must exclude entries from Cities, States or Countries where contests are prohibited by law.

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FLAMINGO NET NEWS

Walt Dixon W4DWN

Well the Flamingo Net Bar-B-Que is past history now but "oh how the memories linger on." On October 13th Flamingo Netters and a large majority of the Ham population of south Florida turned out for the Bar-B-Que. The piles of lucious items of Ham gear on the Auctioneers table was a sight to behold adn Charlie W4VGT and Chuck W4LVV the auctioneers went to work on it with gusto. The Auction started exactly at 2p.m. and lasted til 5:30 p.m. While all this was taking place; out at the Bar-B-Que pit Bill K4KHS and his helper was barbequeing 8 large luscious hams using Bill's secret formula known as "kickapoo joy juice". Whatever Bill put into that concoction sure did the trick as the hams were the most delicious we have had so far.

While the Auction and the barbequeing were in progress the XYL'S and there Harmonics were enjoying themselves at Bingo games.

Many fine prizes were awarded to the winners and a lot of fun was had by all. Those that were not inside enjoying the activities were outside talking mobile equipment and admiring each other's mobile installations.

The weather was perfect with warm sun and cool breezes to make everything very enjoyable. Dinner was served exactly at 6p.m. to a hungry mob that was hardly able to contain themselves. Serving were Katherine Connelly, Jim W4NJM, carving the ham was Stan K4BLM, handling the cake and cold drinks were Mr. and Mrs. Milberg WA4-BYS's parents, and also assisting was Suzie Schempp K4ONY's harmonic plus K4-ONY Ted himself. I don't soo how these paper plates held so much food but they did and everyone had plenty to eat. Even had quite a few people come back for seconds, thirds and fourths. Still was plenty of food left to take care of them.

Credit for the successful conslusion of the Bar-B-Que must go to Evelyn W4WYR who worried us all through to a successfull finish.

The next big event coming up on the horizon for the Flamingo Netters is the Annual Meeting at which new officers are chosen for the coming year. Exact date and place of meeting has as yet to be decided but I hope we might have something like we had last year, a combined business and dinner meeting which worked out real fine. So you Flamingos start making up your minds who you want to be your Net Officers for the coming year of 1963.

Want to congratulate Charlie W4AKB on making BPL for four months straight. That is really handling the traffic, Charlie!

W4GJ-Walt is just back from a two week vacation up north. Said he had a very fine time, got back into the Miami area via Ham radio a number of times and all in all things worked out pretty good. Glade to have you back with us Walt!

WA4DYS-Ed a new member in the Net just got back from a two week vacation up in New Jersey. Had a fine time and trip but is glad to be checking into the Net again. Ed by the way is with WWPB-FM.

K4OCF-Fred said he enjoyed his vacation very much. He went into Michigan to visit his folks. By the way Ferd has a three element 10 meter beam for sale if any of you Flamingos are looking for a beam.

W4EDP-Jim says he is building up a small 50 watt rig just to check into the Net with. Jim usually checks in on 28.8mc on SSB. We use 28.mc for all stations that can not operate up at 29.044-mc our regular freq. The Net invites any SSB station wishing to check in with us to use this frequency. —

BCNU Walt Dixon W4DWN

STATE AREC STANDINGS —10 TEN

As announced recently, SKIP will carry the TOP TEN from time to time. Have you signed up in the Amateur Radio Emergency Corps yet? You haven't? Why not? Make yourself useful, join the gang. Make that amateur license really mean something. Here is how the records stand:

Dade	276
Orange	202
Pinellas	101
Hillsborough	96
Volusia	54
Broward	51
Palm Beach	41
Alachua	33
Lake	29
Polk	24

ORLANDO RAMBLINGS

The Cuban situation sure stirred up a hornets' nest, Civil Defense wise that is. Everybody locally got a big charge out of the State C.D. Director being called "Hiram Walker" on a statewide telecast. Probably an indication of how shook up we all were to learn about those IRBM's pointing at us from such a short distance away. Now if all this crash program activity is not replaced by the inertia or complacency that has existed for too long, perhaps a real workable Civil Defense program will evolve. Surely hope so.

Hope we are not fooled by that fat boy patting us on the back and promising to be good. he is just feeling for a place to stick a nice sharp knife.

Ev, K4UIZ and Hal, W4-BKZ have their code classes under way again with the walls of their domicile bulging as usual. It'll be that way for the next ten weeks too, with a break for the coming holidays. Sorry we have to limit the size of the classes, but the joint will only hold just so many.

A special vote of thanks goes to Bill Yarborough W4-TCY for the use of an excellent tape and tape recorder. Really a big help Bill. Many thanks!

Wes, K4KRG C.D. Communications Officer for the area, has the tower mounted on the communications van, a new paint job, inside and out, some of the equipment installed. Just in time for the parade. Looks real sharp too. As usual just a few did too mbuch work. Whatzamatter wid youse guys???? Remember the old copybook maxim "Many hands make light work".

Gordon W4AKF says "Life is an everlasting struggle to keep money coming in, and teeth and hair from coming out" and "A rasin is a grape that has had too many worries".

Gen. "Bob" Betts was hospitalized recently for an operation but by the time you read this he will be completely recovered, and back on the job again. Gen. Coddington attended the Governor's conference representing Orlando Area Civil Defense.

73 W4BKC

BROWARD COUNTY NEWS

The Broward Amateur Radio Club held its elections this mounth. The new officers are—President, Jean Farnham K4YAS, Vice President, Russ Stone W4FRZ, Sec. Russ Olmstead K4UJZ, Treas. David Taggart and Sgt. at Arms, Doug Smith K4OAP (wouldn't you know). Jean is our first woman president.

In the last couple of months a group of 10 meter mobiles have been gathering on 29.610 mc. on Sunday afternoons and having transmitter hunts. It now is becoming a regular thing in wishing to get in on the fun (you don't have to be mobile) should listen for them on or around 29.610 mc. at 1:00 P.M. on Sundays.

Here is an item of interest to everyone, Steve Michalec WN4HEL was hit by a car on Friday, Nov. 2 in front of Stranahan High School while riding on his bike. He was in Broward General Hospital for six days. Steve was very lucky as there were no broken bones. He had severe head cuts and a badly injured shoulder.

Talking about hospitals, my father, Bud Smith WN4OEM and my brother HowardWN-4HEN were also in the hospital this month.

Just a reminder, the Broward Amateur Radio Club meets the second Wednesday of each month in the Broward National Bank Building, room 412 at 2000 EST, downtown Ft. Lauderdale.

73 Doug Smith K4OAP

C.W. CONVENTION CONTEST

C.W. operators and traffic handlers will have a chance to show what they can do at the Southeastern Division convention and Tropical Hamboree in January.

Instead of holding a simple code copying contest as has been done in the past, a new type of contest will be held in which sending ability will count too. Copying speed will be important but will not necessarily be the factor that will determine the winner.

So pack your favorite pump handle, bug, side swiper or keyer with you when you come to the convention and Hamboree and show the lids how it is done.

1 year GUARANTEE ON ALL SONAR EQUIPMENT

Sonar

"MONO-BANDER"

$395.00*

*With 1 crystal for 200 kc coverage. Less power supply and less mike.

ELECTRONIC WHOLESALERS INC.

THE FINEST MODERATELY PRICED QUALITY SSB UNIT.

- Collins 2.1 kc mechanical filter
- Four way meter function
  1. "S" meter **2.** Transmitter P.A. Grid
  3. Transmitter P.A. Plate **4.** Transmitter "A.M.C."
- Driver stages employ electronic tuning
- "A.M.C." (automatic modulation control).
- Vox/anti-vox/push-to-talk
- Upper/lower sideband
- Heavy guage iridited aluminum construction
- Separate models for 10-15-20-40 or 80 meter band

N.W. 27 AVE at N.W. 94 ST
OX 6-1620
MIAMI

Fri.eve: 9pm
Sat: 5pm

1301 HIBISCUS AVE
PA 3-1441
MELBOURNE

ATTENTION: Broward County Hams, Call WAbash 3-2204. Palm Beach County Hams, Call 832-1766.
For your convenience No Toll Charge.

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any items listed in this column.

This column is FREE to any licensed Radio Amateur. There is no limit to the number of items any individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns — 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

WIRELESS BOOK 1905 - 1928: 1,000 photographs, 224 pages. Spark transmitters, etc. Marconi, DeForest, Wireless Specialty, etc. Autographer copies from the author, $3.00 ppd. Harold Greenwood W6MEA, 2341 Ivyland Ave. Arcadia, Calif. — 10-62, 3-63.

FOR SALE: Complete six meter SSB-AM transmitter, also all band SSB-AM exciter, central electronics 10A, QT-1, and all coils, P & H 600A transmitting converter all like new condition — **$115.00**

BRAND NEW Dayton blower for pair of 4CX250B's etc — $9.00

TWO BRAND NEW — 4CX250B's — $14 each.

Heath VX-1 VOX Relay $10.

J. W. Gregory, K4OCK 3000 SW 103rd Court Miami, 55, Fla. CA 6-3434.

WANTED: 66 inch table relay rack. 500 to 1000 watt power supply, and one or appropriate final tubes. Low pass filter. Doug Jensen K4DAD/4 Box 2044 FSU Tallahassee, Fla.

FOR SALE: Gonset G-66 receiver and G-77 transmitter. Model 26 teletype machine. Hallicrafter S-27 receiver. Police alarm receiver tunes 152 to 174 mcs. Jerry Starr K4PMF, 9335 SW 176th St., Miami Phones 235-9151 or 238-3089.

FOR SALE: RCA SSB-30, 30 watt PEP lower side band 2-way commercial unit. 4 fixed frequencies anywhere between 3 and 15 mc. Mount unit in trunk, control head and speaker under dash. Control head has squelch, volume and frequency selector switch. Radion unit is brand new, never used in auto. Antenna coil box slightly used. All cables, book etc. complete except mike and whip. Operates on 6 and 12 volts. WANT AF-67, G-66 or similar mobile and 6/12 power supply. More details on SSB-30 for SASE. Make offer. J. B. Hillard W5LHK, 2511 Fazzio Road. Chalmette, La.

FOR SALE: Pioneer dynamoter input 6 v. output 600 v.d.c. at 150 ma. $4.00. Westinghouse Dynamotor input 6 v. out 600 v.d.c. at 155 ma. $3.50. Pair heavy duty synchro motors 115 v.a.c. both $5. Thordarson 110 v.a.c. out 7.5 v at 8 amps. $2.000. Teletype Corp. REC-30 power supply can handle up to 30 machines. $15.00 (no shipping) New ARC-5 100 to 150 mc 50 watt transmitter, unconverted with all tubes $12. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 3874.

GENERAL CLASS LICENSE COURSE — See articles this issue for particulars. Tell your friends about it.

WANTED: All amateurs contact your County EC for a free copy of the State of Florida AREC Manual of Operations, or drop a card with full mailing address to Florida SKIP, Box 501, Miami Springs 66, Fla.

QSL'S. THE KIND YOU'LL LIKE. HIGHEST QUALITY: LOWEST PRICES. SAMPLES 10c REFUNDABLE. Joe Harms (W2JME) 905 Feranid, Edgewater, Fla.

FOR SALE: Complete full kw station, HQ170, HX-500 GG Linear amp. Complete in four FT rack, patch, tower, scoope, 2 element 20 meter beam etc and take all extras. Sorry won't break up station. $1,500 cash or trade for hunting acreage in Florida. Call A. Villa K4GAJ, 155 NW 196th St., Miami 69, Fla. NA 4-5613 after 2:30 p.m.

FOR SALE: Brand new full guarantee Hallicrafter HT-37 $445. HT-41 $355; SX-111 $249. All FOB. E. Harms WA4FJY, 905 Fernald, Edgewater, Fla.

FOR SALE: Apache and SB-10 combination both for $250. Good operating condition and can be seen at 303 Castile St., Orlando. Call Paul Montgomery K4JSS. Phone 855-4485.

FOR ESTATE of Charles Pike W4BSR, silent key. Viking II transmitter and VFO. $195. NC-183D $180. Speaker $10. Matchbox antenna tuner $30. Mikephone $15. Instructograph $15. BC-221 $65. 10 meter beam $15. 30 foot mast for 10 meter beam $6.50. M. W. Pike, 821 Concord Road, Tallahassee, Fla.

FOR SALE: Federal VHF 139 BY xtal control receiver. Can remote control it. Can be modified easily to 2 meters. New price $255. My price $25. Johnson Viking I in excellent shape, with new final tube, with manual, now on the air $90. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66, Fla TU8-3874.

FOR SALE: Teletype typing reperforators, types message so you can read it and punches tape for transmission $45. WANTED: Lab standards and equipment of frequency, voltage, current and resistance; GR, h-p, Branton catalogs. Engineering Masters, also for sale 10, 15, 20 3 element beams, cheap. Fred Schmidt W4NYF, 405 NW 30th Terr., Ft. Lauderdale, LU 3-1340.

FOR SALE: Two 4CX250-B, two Johnson sockets and two chimmys to fit. $50 never used. Gene Brown K1FMY, 1313 Lakeview Rd. Lake Wales, Fla.

WANTED: KWM-2 mobile mount, good condition, state your price with cables. Harry Fishel W4CQZ, Box 750, Ft. Myers, Fla.

FOR SALE: DX-40 with VF-1 excellent condition $50. W. E. Perry K4ISA, Box 8080, Allandale, Fla.

FOR SALE: Electrocom FSC-250 RTTY converter $235. HT-32 exciter $325, HT-33A linear with new PL172 tube $425. Collins 75A4 with 3 filters 2.1 and 3.1 and 6 kc. $400. All gear in excellent condition. Zola Saffer W4IBS, 122 Sarto Ave. Coral Gables, Fla.

FOR SALE: One precision laboratory scope, model series ES-500A in good condition. Make an offer, I don't know its value. Will let it go cheap for gear. Need power plate transformer about 3500 v filters, capicitors, etc. Earl Spencer K4FQU, 1314 Davis Dr., Ft. Myers, Fla.

FOR SALE: Complete station less microphone. 32S1, 75S1, 516F2, W-9TO type keyer, Vibro-key, W5DX type patch, Heath Q-Mult, Heath Q-Mult, Heath SWR meter, Hy-Gain tri-bander with slimline traps, HAM-M rotator, E-Z way heavy duty 40 foot galvanized crank up tilt over with proundpost, 80/40 openwire feed inverted vee with matching network. All coax and control cables. Station now operating and in excellent condition. Will sell all but "fist" for $1500.00 or make offer. Ray McAvoy W4-GOG, 1550 Lenape Dr., Miami Springs 66, Fla. TU 7-2998.

FOR SALE: Complete rig, NC-270 receiver, Knight T-50 transmitter, Heathkit VF-1 VFO, Johnson viking Screen modulator, and all connections ready for CW or phone operations, manuals. All you need is mike key and antenna and you are on the air. The works $250. E. F. Daughtrey WA4ACF, Rt. 2 Box 877, Arcadia phone WAlnut 8-6242 after 6 p.m.

FOR SALE: Model 14 TD and western Electric tape puncher $50 for both. Knight KN-4000 and KP-70 pro tape recording set-up, walnut case $125. W4AXE, 2323 NE 1th St. Gainesville, Fla.

FOR SALE: Johnson Invader, one year old. Good for 225,570 points during 1961 SS contest. Excellent condition. $450. H. Dale Strieter W4DQS, 928 Trinidad, Coco Beach, Fla. Phone SU 3-7228.

MOBILE STATION Gonest G-77 and G-66B and access. Like new $275. J. F. Housley K4PAC, 5326 Clifton Road, Jacksonville 11, Fla. RA 5-0426.

WANTED: Prop pitch motor for beam, mast rotation. Also an invader 2000, or linear amplifier unit for invader. Send particulars and price. F. E. Rogers W4TZY, 8705 No. Atlantic Ave., Cocoa Beach, Fla. SU 3-3291.

FOR SALE: Will sacrifice HT-37. Perfect condition, 1 year old. Extra crystal for 10 meters also frequency shifter for use on 4025 kc $395. C. R. Lamberson W4WEB, 143 Westcott Circle, Port St. Joe, Fla. phones 227-4321 or 227-2611 or 3830 kc 0700 EST daily.

WANTED: Gonset Communicator IV — 6 meter rig or Polycomm "6" or "6&2" with nusistor front end. AC/DC model. Will pay cash if price is right. K. C. Smith WA-4GMT, 421 Lealmar Tr. Ct., St. Petersburg 14, Fla.

SWAP? BC-221 or NC-188 for SB-10. What you got? George Thurston W4MLE, 3407 Prock, Tallahassee, Fla.

FOR SALE: Heath twoer with xtal, mike and 9 element spiral beam. New $70.00. Lloyd Hart, W4NIR, 2591 Clematis St., Sarasota, Fla.

FOR SALE: SSB exciter, phasing type, 14 mc. only. Circuit in 1962 handbook. Will sell for cost of tubes and parts. Works fine and makes good unit for hetroyding to six and two meters. Nat Stinnette W4AYV, Umatilla, Fla.

FOR SALE: Harvey-Wells T-90 transmitter and power supply, slide-rue dial VFO covering 80 thru 10, built in antenna relay and receiving, low pass filter, 90 watts cw or 75 watts fone, complete with instructions, manual ready to go $100. This xmtr is mint clean, looks new. G. F. Frazier W4TAI, 12 Golden Isle Dr., Mount Dora, Fla.

FOR SALE: SB-10 sideband adapter, guaranteed, bug free — with 35 db or better supression. I will install to your Apache. All for $55. Capt. Hunt, W4NUT, Fort Lauderdale, JA 2-7532.

WANTED: All ARRL members . . . . Vote for the man who will serve you best as SCM in the Eastern Florida Section the next two years. A man who knows his stuff and will prove it. The Ballots will arrive shortly, vote for Ed Cushing, W4QVJ of Jacksonville for SCM. Thank you!

FOR SALE: 2.5 KW transmitter, Wilcox model 96D1, less power supply. Frequency range 3 to 18 mc. Includes type "U" Jennings vacuum variable cap and 2 each 450TL's. Exciter section includes 813 dirier. Complete with cabinet, meters and blower. $150. J. L. Stephens W4YXG, 4 Azalea Ave., Titusville, Fla.

AMATEUR EQUIPMENT SERVICING: Receiver alignment, transmitter repairs, frequency calibzrations, etc. Any make or model. Reasonable rates. Jack Wainwright W4IEH, 941 Country Circle, Ft. Lauderdale, Fla. Phone LU 3-0631.

FOR SALE: HQ-129X and side band slicer $90. Heath TW Sweep generator $15. Dumont 274 scope $25. All in good condition and will deliver a reasonable dsitance. F. G. MacLean W4TXA, Route 2 Box 314W, Brooksville, Fla.

Going MM soon? Cornell-Dubilier invertor for sale or rent it for your cruise. 115 volt DC ships power to 115 v ac at 250 watt continious 325 w. max. also leave space vibropac for emergency. Contact W4ACT.

OPERATING CONSOLES and desks custom built to your specifications. Quality craftsmanship in formica. Send your wants and desires for free estimate. $69.95 and UP F.O.B. Ft. Myers. Earl Spencer K4FQU, 1413 Davis Dr., Ft. Myers, Fla.

SELLING OUT account health and retiring from ham radio after 50 years. (Govt. call book 1913 — 9VP) All factory name equipment in good as new condition and mostly 50 percent discount from national advertised prices. Collins KW-1 $1995. KWS-1, late serial $925. 30-S1 Linear $875. Collins 312B4 $97.50. 312-B speaker $16. Central electronics MM-2 scope and adpat. $81. Seneca 6 and 2 factory wired $95. RTTY Model 28 ASR factory demonstrator list $2800. Sell for $1400. Model 19 with table, filters and rect. $450. Electrocom model 270 FSC — 3 filters $275. See May 1961 RTTY magazine for picture. All inquiries answered. Lester A. Benson K4HWF/WOZB, Box 2832, Pompano Beach, Fla.

FOR SALE: National NC-173 and Eico 723, both $140. Paul Sadur WA4EYV, 2416 NW 88th St., Miami 47, Fla.

WANTED: A.M. receiver for 115 to 125 MC. 110 v.a.c. supply. Charlles L. Stouth W3ZPP, 261 Prince Fredrick, King of Prussia, Pa.

FOR SALE: 75A4, this is a "hot" receiver. Have regular RG8U coax plug, also phonograph plug demale connectors for quick connection with 75S-1 etc. Price $490.00. Fred Spencer, 317 Ave. G. SE, Winter Haven, Fla.

Complete full KW station — HQ-170, HX500, GG Linear in 4 foot rack, patch, scope, Tower, 2 element 20 meter beam, etc and all extras. Sorry, won't break it up $1500.00 cash or trade for hunting acreage in Florida. Call Al Villa K4GAJ, 155 NW 196th St., Miami 69, Fla. NA 4-5613 after 2:30 p.m.

Heavy duty Tungar 6-12-24 volt battery charger with dual meters and stepped controls 40 volt 12/16 amp rating $12.00. W4ACT.

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more on inside front

CANDIDATE FOR SCM

Name: G. Edmund (Ed) Cushing, W4QVJ.

Address: 836 Seabrook Cove Road, Jacksonville 11, Florida. (Mail to: P.O. Box 8045, Jacksonville 1?, Fla.

Business: Sales Manager, State of Florida, South Georgia, Southern Alabama for Edward Dalton Devision of Mead Johnson & Co., Evansville, Ind.

Previous business connection: Sales Manager for Northern and Central Florida for Proctor C Gamble Distributing Co., Cinn., Ohio.

First licensed as W4QVJ, Westport, Connecticut in December, 1947.

First a member of ARRL, December, 1947.

Military Service: World War II - USAF - 76th Infantry Division. Korean War - USAF - AACS and AC&W Squadrons, Radio.

Education: Graduate (1953 Rollins College, Winter Park, Florida.

President of Rollins Amateur Radio Club, Trustee of W4GMN.

President of Student Body, Rollins College.

Amateur Activities: Member of AREC, Duval County, Florida.

Asst' Radio Officer, State Civil Defense, Jacksonville, Fla.

Member, Florida DX Club.

Member of Jacksonville Amateur Radio Society.

Member of North Frorida Amateur Radio Society.

Member QFN, All Florida statewide c.w. network.

Operate SSB, CW, AM.

Holder of CPC-30 ('30 wpm), DXCC, ORS.

Co-Editor, FLORIDA DX REPORT.

FLORIDA SKIP Correspondent.

Note: I would appreciate your consideration of my qualifications for SCM in the coming election, December, 1962.

THANK YOU!

The University of Florida offers instruction in approximately 100 different areas of specilaiization. In 88 of these, course material is offered to lead to undergraduate degrees. Eighty departments offer work leading to the master's degree and 45 to doctor's degree.

CANDIDATE FOR SCM

The Editor has graciously offered space for a spot summary of the history and purpose of this candidate for SCM, East Florida.

Signals: 1918-wigwag & semaphore unit US Army Ambulance; 1919-22-operator 1MA; Signals, 101st FANG, YD; Harvard '27, ROTC; GJI; 1939-NCS Sec. B, AARS; 1940-Master NCS AARS Fla. Div. 4th CA with Signal Corps TM training program; EC, PB County; member State Radio Advisory Board; Comm Coordnator, 6th Congr Dist; Co-Chrmn, PB County CD Communications; 1942 - formed and implemented SigBat FSG; June '42-duty SE Sig-School; July '42 - polio; WERS RadAide, WPB - formed 2½ mtr net from bed with able aid of late DPD - Lord love him; 1943-marked permanent disability by AF retirement Board. Joined CGR as RT1; 1944-SuptComm COP, Port of Palm Beach; Aug '44-Exec. COP; Xmas '44-OinC, until Nov. '45 to inactive reserve; 1946-reinactivated 7th CG-Dist assigned to CGA; wrote plan and formed OA7 and CGA CommNets; 1947-operations; 1948-toraining; 1949-V. Commo; 1950 Commo; 1951 - retired exhausted - closed station GJI. 1958-reactivated GJI; NCS, EMTN & FPTN; 1959-SSB; 1960 helped form SSBA-as Sec'y wrote Charter; 1961-V. Pres. to July '62. Member Fla. RTTY Society.

Business: 1928 - 1940 - oOfficer, Director or associate of30 odd corporations, including National Television, Arcturus Radio Tube and Syrain Wire & Contact in electronic field. 1945 to date - partner NY & American Stock Exchange firm. These are facts, not qualifications.

I'm tired about hogwash about traffic and E. Fla. leads the universe when the bulk of the stuff is so much paper figures lined with fabricated bunk. Traffic handling is essential for training for emergency operations pro bono publico, but it must make sense and have purpose to attract first class operators. I'm tired of second-rate signals, second-rate operators with second-rate gear waving BPL cards in euphoric ecstacy. I'm tired of persistently ignorant, self-righteous boobs who take the first sentence of Part 12-113 literally while mentally inserting 'all at one time' after 'any'. I'm tired of NCS who tell four guys they have 'FB sigs' while any good receiver will show they are 5 to 10 kcs either side of him. This is most rediculous in this enlightened era.

I believe in CW like I do in First Aid. But I know that SSB and RTTY are the modes of today and any guy who can't emit on one or both is still wearing spats. These two modes can handle raffic when the AM nets are floundering in their own juice.

I believe in the League but it is time the horn blew a new note. Just take a look at the bands and let's hear how modern is the emission type allocation our Big Brother has attained. The League is a corporation. Who are the stockholders, have you ever seen a statement, are you aware of the salaries our compatriots receive? Oh Me, Oh My! and now I am waiting for U.S. Steel to solicit funds from its customers to build a new office building—just so they won't have to touch their funds, don't yer know. La!

If you're for reform—good engineering — common sense —truth and the eradication of hogwash—then I'm your boy. Thing it over, cousins.

May your tubes run cool!!

AMATEUR OF MONTH

We'd like to tip our hats this month to Frank Woodall, W4DDW of 214 East Oak St., Kissimme. Frank completed his 13th year as ARRL Emergency Coordinator for Osceola County. He has held the EC job longer than any other amateur in Florida. W4DDW has participated in most all AREC drills since 1950. He's been a active member of the Florida Emergency Phone Net (Net A) for many, many years. Frank was the only communicator Kissimmee had a few years back when they were hit with a freak flood, for which he received the ARRL Public Service Award.

Recently DDW was awarded a Special Weather Bureau Award for his outstanding faithfulness to the WARN in past 10 years.

Frank, you are true blue. We hope you can stick with us another 13 years. AC

DEAR MABEL

(Cont. From Front Page)

door came down on it. His garage door. It took three of us to get him in the car. All during that day the door kept opening and shtting all by itself. Every time it happened his wife would run over to our house scared to death. I was getting a little bit scared myself, but not as bad as her because my husband was home, and not in the hospital like hers! It wasn't till that night when I was on the air that the door came down just as she was backing out of the garage. Lucky she wasn't in a convertible, it really ruined the top of her car. When she called the repair man is when I found out that I had GDI. Their garage door works by radio and every time I keyed my transmitter it made their door act up.

Their lawyer said it was our fault and we told him we had a license. But it is still our fault. Homer will have to pay for the damage because he fixed our transmitter himself. Lots of people get TVI but I've never heard of GDI before. I told the lawyer that, too. The man from the FCC didn't say anything. He wrote a lot of things on a paper. He looked at Homer and me for a long time and said we would be hearing from him.

Well, Mabel, it's getting close to the Holidays. This year I think I will send radiograms. Isn't that a novel idea? It means that I won't have to address about 200 cards. All I will have to do is find what Homer says is a 'traffic hound'. At first I thought it was canine . . . K9 . . . hi hi — but it's a shame that takes messages, you know. I will get a hold of one of those fellows and tell him ARL50-ARL 61 9RL36 and its just like writing a whole letter.

"Greetings by Amateur Radio — Love and best wishes for a Merry Christmas and a happy New Year — Wish you could be with us-"

Homer thinks 200 is too many but I should send MORE than that. Matter of fact I'd like to send one to every Ham in the Call Book!

Must go and send CQ some more. If I don't get an answer THIS time I know I can depend on Clyde!

Love, Gladys

P.S. Wonder who I can ask to think me up some good phonetics ??

WN 10000